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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

1

of

4

**Complete if Known**

Application Number	09/557,382
Filing Date	April 25, 2000
First Named Inventor	TROSIEN, ANDREW
Group Art Unit	<del>2788</del> 3626
Examiner Name	<del>Unassigned</del> V. FRENEL
Attorney Docket Number	018563-003600US

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
VF	AA	3,660,900		Andrews	5/1972	
VF	AB	3,860,803		Levine	1/1975	
VF	AC	4,504,225		Yoshii	3/1985	
VF	AD	4,505,673		Yoshii	3/1985	
VF	AE	4,755,139		Abbatte et al.	7/1988	
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Signature

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Date  
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<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

## Complete if Known

Application Number 09/557,382  
Filing Date April 25, 2000  
First Named Inventor TROSIEN, ANDREW  
Group Art Unit ~~2700~~ 3626  
Examiner Name Unassigned  
Attorney Docket Number 018563-003600US

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## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
VF	BJ	5,607,305		Andersson et al.	3/1997	
VF	BK	5,645,421		Slootsky	7/1997	
VF	BL	6,217,334		Hultgren	04/17/2001	

## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
VF	BM	FR	2 369,828			6/1978		
VF	BN	WO	WO94/10935			5/1994		
VF	BO	PCT	WO98/32394		Hultgren	07/30/1998		

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
VF	BP	Biostar Operation & Training Manual, Great Lakes Orthodontics, Ltd. 199 Fire Tower Drive, Tonawanda, New York, 14150-5890.	
VF	BQ	CHIAPPONE, "Constructing the gnathologic setup and positioner," <i>J. Clin. Orthod.</i> , 1980, 14:121-133.	
VF	BR	COTTINGHAM, "Gnathologic clear plastic positioner," <i>Am. J. Orthod.</i> , 1969, 55:23-31.	
VF	BS	CURETON, "Correcting malaligned mandibular incisors with removable retainers," <i>J. Clin. Orthod.</i> 1996, 30:390-395.	
VF	BT	DOYLE, "Digital Dentistry" <i>Computer Graphics World</i> (October 2000) pp. 50-52, 54.	
VF	BU	ELSASSER, "Some observations on the history and uses of the Kesling positioner," <i>Am. J. Orthod.</i> 1950, 36:368-374.	
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VF	BW	KESLING, "The philosophy of the tooth positioning appliance," <i>Am. J. Orthod. Oral. Surg.</i> 1945, 31(6):297-304.	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 4

## Complete if Known

Application Number	09/557,382
Filing Date	April 25, 2000
First Named Inventor	TROSIEN, ANDREW
Group Art Unit	2786 3626
Examiner Name	Unassigned V. FRIEDEL
Attorney Docket Number	018563-003600US

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## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Technology Center 2100

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
VF	BX	KESLING, "Coordinating the predetermined pattern and tooth positioner with conventional treatment," <i>Am. J. Orthod. Oral. Surg.</i> 1946, 32:285-293.	
VF	BY	KLEEMAN et al., "The speed positioner," <i>J. Clin. Orthod.</i> 1996, 30:673-680.	
VF	BZ	KURODA et al., "Three-dimensional dental cast analyzing system using laser scanning," <i>Am. J. Orthod. Dentofac. Orthop.</i> 1996, 110:365-369.	
VF	CA	NISHIYAMA et al., "A new construction of tooth repositioner by LTV vinyl silicon rubber," <i>J. Nihon Univ. School of Dentistry</i> 1977, 19(2):93-102.	
VF	CB	Nippon Dental Review, "New orthodontic device-dynamic positioner (D.P.)-I Approach to the proposal of D.P. and transparent silicone rubber," 1980, 452:61-74.	
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VF	CD	Nippon Dental Review, "New orthodontic device-dynamic positioner (D.P.)-III, Case reports of reversed occlusion," 457:146-164.	
VF	CE	Nippon Dental Review, "New orthodontic device-dynamic positioner (D.P.)-Case reports of reversed occlusion," 1980, 458:112-129.	
VF	CF	Raintree Essix & ARS Materials, Inc., Raintree Essix, Technical Magazine Table of contents and Essix Appliances, <a href="http://www.essix.com/magazine/default.html">http://www.essix.com/magazine/default.html</a> Aug. 13, 1997, 7 pages.	
VF	CG	REDMOND et al., "Clinical Implications of Digital Orthodontics" <i>Am. J. Orthodont. Dentofacial Orthopedics</i> (2000) 117(2):240-242.	
VF	CH	SHILLIDAY, "Minimizing finishing problems with the mini-positioner," <i>Am. J. Orthod.</i> 1971, 59:596-599.	
VF	CI	WARUNEK et al., "Physical and mechanical properties of elastomers in orthodontic positioners," <i>Am. J. Orthod. Dentofac. Orthop.</i> 1989, 95:388-400.	
VF	CJ	WELLS, "Application of the positioner appliance in orthodontic treatment," <i>Am. J. Orthodont.</i> 1970, 58:351-366.	
VF	CK	LAWRENCE F. ANDREWS, D.D.S., "The six to normal occlusion," <i>Am. J. Orthodont. Sep.</i> 1972, 296,308.	
VF	CL	LAWRENCE F. ANDREWS, D.D.S., "Straight Wire, The Concept and Appliance," <i>The Six Keys to Optimal Occlusion</i> , 15-24.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet <u>4</u> of <u>4</u>		<b>Complete if Known</b>	
		Application Number	09/557,382
		Filing Date	April 25, 2000
		First Named Inventor	TROSIEN, ANDREW
		Group Art Unit	2786-3626
		Examiner Name	Unassigned
		Attorney Docket Number	018563-003600US

MAY 22 2002

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS** Technology Center 2100

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
V.F	CM	KAMADA et al., "Construction of Tooth Positioners with LTV Vinyl Silicone Rubber and Some Case Reports," J. Nihon Univ. School of Dentistry, Mar. 1982, 24(1):1-26.	
V.F	CN	SCHROEDER et al., "Algorithms I," The Visualization Toolkit chapter 6-9.9, 1996.	
V.F	CO	PROFFIT et al., "The First Stage of Comprehensive Treatment: Alignment and Leveling," Contemporary Orthodontics, Chapter 15, 470-533.	
V.F	CP	WARUNEK et al., "Clinical Use of Silicone Elastomer Appliances," JCO Oct. 1989, 694-700.	

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